

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-255683  
(43)Date of publication of application : 09.10.1995

(51)Int.Cl. A61B 5/00  
H04B 1/59

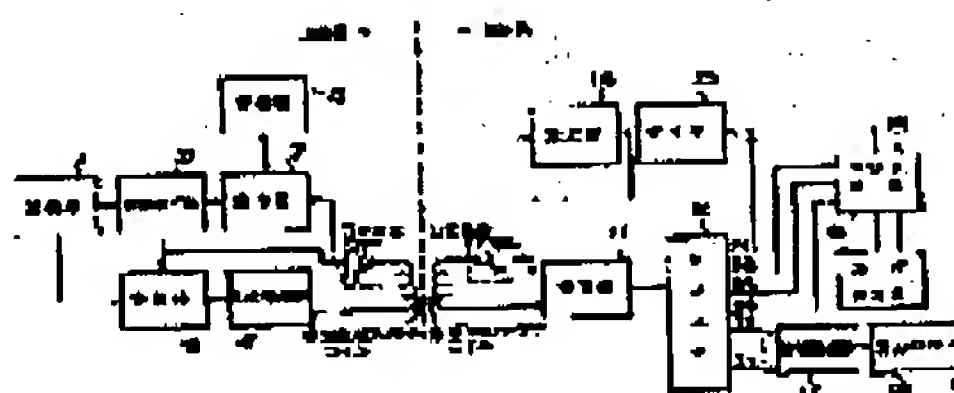
(21)Application number : 06-050254 (71)Applicant : NEC CORP  
(22)Date of filing : 22.03.1994 (72)Inventor : OKUBO SEIJI

## (54) RADIO CONTROL SYSTEM FOR RECEIVER IMPLANTED IN A LIVING ORGANISM

### (57)Abstract:

**PURPOSE:** To provide a system capable of checking and reporting in real time the normal and abnormal functioning of a receiver implanted in a living organism or the adequateness of the position of a transmitter antenna installed on the living organism.

**CONSTITUTION:** High frequency signals having no-signal intervals between respective signal frames are transmitted from a transmitter as signals for checking a transmitter antenna or abnormality of a receiver. When said signals are properly received by a receiver, a timer 13 activates an oscillator 14 during each of the no-signal intervals to generate oscillation signals and simultaneously, a switch 10 is turned on to connect the oscillator to a receiver antenna coil 9 for transmission of the oscillation signals. The transmitter is provided with a detector 7 for connection with a transmitter antenna coil 6 by the agency of a switch 5 only during each of the no-signal intervals to receive the oscillation signals from the receiver and in addition, an alarm device 8 for issuing an alarm according to the indication of the oscillation signals.



### LEGAL STATUS

[Date of request for examination] 15.11.1995  
[Date of sending the examiner's decision of rejection]  
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]  
[Date of final disposal for application]  
[Patent number] 2713149  
[Date of registration] 31.10.1997  
[Number of appeal against examiner's decision of rejection]  
[Date of requesting appeal against examiner's]